## David B Amabilino

List of Publications by Year in descending order

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241 papers

11,346 citations

51 h-index 98 g-index

265 all docs 265 docs citations

265 times ranked 10007 citing authors

#	Article	IF	CITATIONS
1	Interlocked and Intertwined Structures and Superstructures. Chemical Reviews, 1995, 95, 2725-2828.	47.7	1,579
2	Supramolecular materials. Chemical Society Reviews, 2017, 46, 2404-2420.	38.1	530
3	Spontaneous resolution under supramolecular control. Chemical Society Reviews, 2002, 31, 342-356.	38.1	517
4	Spontaneous resolution, whence and whither: from enantiomorphic solids to chiral liquid crystals, monolayers and macro- and supra-molecular polymers and assemblies. Chemical Society Reviews, 2007, 36, 941-967.	38.1	414
5	Molecular Meccano. 2. Self-Assembly of [n]Catenanes. Journal of the American Chemical Society, 1995, 117, 1271-1293.	13.7	278
6	Supramolecular Conducting Nanowires from Organogels. Angewandte Chemie - International Edition, 2007, 46, 238-241.	13.8	243
7	Olympiadane. Angewandte Chemie International Edition in English, 1994, 33, 1286-1290.	4.4	203
8	Unique intermolecular reaction of simple porphyrins at a metal surface gives covalent nanostructures. Chemical Communications, 2008, , 1536.	4.1	200
9	Surface Supramolecular Organization of a Terbium(III) Double-Decker Complex on Graphite and its Single Molecule Magnet Behavior. Journal of the American Chemical Society, 2011, 133, 6603-6612.	13.7	189
10	An Enantiopure Molecular Ferromagnet. Angewandte Chemie - International Edition, 2002, 41, 586-589.	13.8	163
11	Oligocatenanes Made to Order1. Journal of the American Chemical Society, 1998, 120, 4295-4307.	13.7	157
12	Hierarchical Chiral Expression from the Nano- to Mesoscale in Synthetic Supramolecular Helical Fibers of a Nonamphiphilic ⟨i⟩C⟨/i⟩⟨sub⟩3⟨/sub⟩-Symmetrical Ï€-Functional Molecule. Journal of the American Chemical Society, 2011, 133, 8344-8353.	13.7	154
13	A Liquidâ€Crystalline Singleâ€Molecule Magnet with Variable Magnetic Properties. Angewandte Chemie - International Edition, 2010, 49, 1623-1626.	13.8	142
14	Assembly of functional molecular nanostructures on surfaces. Chemical Society Reviews, 2008, 37, 490-504.	38.1	135
15	Clean Coupling of Unfunctionalized Porphyrins at Surfaces To Give Highly Oriented Organometallic Oligomers. Journal of the American Chemical Society, 2011, 133, 12031-12039.	13.7	133
16	Self-Assembly of [n]Rotaxanes Bearing Dendritic Stoppers⊥. Journal of the American Chemical Society, 1996, 118, 12012-12020.	13.7	128
17	Amino Acid Based Metalâ^'Organic Nanofibers. Journal of the American Chemical Society, 2009, 131, 18222-18223.	13.7	122
18	The Five-Stage Self-Assembly of a Branched Heptacatenane. Angewandte Chemie International Edition in English, 1997, 36, 2070-2072.	4.4	113

#	Article	IF	Citations
19	A Switchable Hybrid [2]-Catenane Based on Transition Metal Complexation and Ï€-Electron Donorâ^Acceptor Interactions. Journal of the American Chemical Society, 1996, 118, 3905-3913.	13.7	112
20	Chiral molecular tapes from novel tetra(thiafulvalene-crown-ether)-substituted phthalocyanine building blocks. Chemical Communications, 2005, , 1255-1257.	4.1	111
21	Probing the Magnetic Properties of Three Interconvertible Redox States of a Single-Molecule Magnet with Magnetic Circular Dichroism Spectroscopy. Journal of the American Chemical Society, 2010, 132, 1756-1757.	13.7	110
22	Crystalline fibres of a covalent organic framework through bottom-up microfluidic synthesis. Chemical Communications, 2016, 52, 9212-9215.	4.1	109
23	Detection of different oxidation states of individual manganese porphyrins during their reaction with oxygen at a solid/liquid interface. Nature Chemistry, 2013, 5, 621-627.	13.6	107
24	Long-Range Chiral Induction in Chemical Systems with Helical Organization. Promesogenic Monomers in the Formation of Poly(isocyanide)s and in the Organization of Liquid Crystals. Journal of the American Chemical Society, 1998, 120, 9126-9134.	13.7	105
25	Tuning the Supramolecular Chirality of One- and Two-Dimensional Aggregates with the Number of Stereogenic Centers in the Component Porphyrins. Journal of the American Chemical Society, 2010, 132, 9350-9362.	13.7	98
26	The Two-Step Self-Assembly of [4]- and [5] Catenanes. Angewandte Chemie International Edition in English, 1994, 33, 433-437.	4.4	91
27	Homo- and Heterochiral Supramolecular Tapes from Achiral, Enantiopure, and Racemic Promesogenic Formamides: Expression of Molecular Chirality in Two and Three Dimensions. Angewandte Chemie - International Edition, 2001, 40, 3217-3220.	13.8	91
28	Chiral Teleinduction in the Formation of a Macromolecular Multistate Chiroptical Redox Switch. Advanced Materials, 2005, 17, 2095-2098.	21.0	87
29	Supramolecular Chiral Functional Materials. Topics in Current Chemistry, 2006, , 253-302.	4.0	82
30	Shaping Supramolecular Nanofibers with Nanoparticles Forming Complementary Hydrogen Bonds. Angewandte Chemie - International Edition, 2008, 47, 1861-1865.	13.8	82
31	Noncovalent Control for Bottom-Up Assembly of Functional Supramolecular Wires. Journal of the American Chemical Society, 2006, 128, 12602-12603.	13.7	81
32	Efficient High Area OFETs by Solution Based Processing of a π-Electron Rich Donor. Chemistry of Materials, 2006, 18, 4724-4729.	6.7	80
33	Gemini Imidazolium Amphiphiles for the Synthesis, Stabilization, and Drug Delivery from Gold Nanoparticles. Langmuir, 2012, 28, 2368-2381.	3.5	79
34	From Solid-State Structures and Superstructures to Self-Assembly Processes. Chemistry of Materials, 1994, 6, 1159-1167.	6.7	77
35	Iron oxide nanoparticles functionalized with novel hydrophobic and hydrophilic porphyrins as potential agents for photodynamic therapy. Journal of Colloid and Interface Science, 2016, 462, 154-165.	9.4	76
36	Natural optical activity as the origin of the large chiroptical properties in π-conjugated polymer thin films. Nature Communications, 2020, 11, 6137.	12.8	73

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37	Gels as a soft matter route to conducting nanostructured organic and composite materials. Soft Matter, 2010, 6, 1605.	2.7	68
38	Versatile Bottom-Up Construction of Diverse Macromolecules on a Surface Observed by Scanning Tunneling Microscopy. ACS Nano, 2014, 8, 8856-8870.	14.6	65
39	The self-assembly of branched [n]rotaxanesâ€"the first step towards dendritic rotaxanes. Journal of the Chemical Society Chemical Communications, 1995, , 751-753.	2.0	64
40	Self-assembly and macromolecular design. Pure and Applied Chemistry, 1993, 65, 2351-2359.	1.9	63
41	Self-assembly of tetrathiafulvalene derivatives at a liquid/solid interfaceâ€"compositional and constitutional influence on supramolecular ordering. Journal of Materials Chemistry, 2005, 15, 4601.	6.7	63
42	Topology in molecules inspired, seen and represented. Chemical Society Reviews, 2009, 38, 1562.	38.1	63
43	Solvent effect on the morphology and function of novel gel-derived molecular materials. Journal of Materials Chemistry, 2010, 20, 466-474.	6.7	63
44	Aggregation of self-assembling branched [n]rotaxanes. New Journal of Chemistry, 1998, 22, 959-972.	2.8	62
45	Isomeric Self-Assembling [2]Catenanes. Angewandte Chemie International Edition in English, 1993, 32, 1297-1301.	4.4	59
46	Olympiadan. Angewandte Chemie, 1994, 106, 1316-1319.	2.0	57
47	Twists and turns in the hierarchical self-assembly pathways of a non-amphiphilic chiral supramolecular material. Chemical Communications, 2012, 48, 4552.	4.1	57
48	Milliseconds Make the Difference in the Far-from-Equilibrium Self-Assembly of Supramolecular Chiral Nanostructures. Journal of the American Chemical Society, 2016, 138, 6920-6923.	13.7	57
49	Supramolecular electroactive organogel and conducting nanofibers with C3-symmetrical architectures. Journal of Materials Chemistry, 2009, 19, 4495.	6.7	56
50	Synthesis and Doping of a Multifunctional Tetrathiafulvalene- Substituted Poly(isocyanide). Macromolecules, 2007, 40, 7521-7531.	4.8	54
51	Supramolecular gels based on a gemini imidazolium amphiphile as molecular material for drug delivery. Journal of Materials Chemistry B, 2014, 2, 5419.	5.8	52
52	Long-range effects of chirality in aromatic poly(isocyanide)s. Journal of Polymer Science Part A, 2006, 44, 3161-3174.	2.3	51
53	Novel double-decker phthalocyaninato terbium(iii) single molecule magnets with stabilised redox states. Dalton Transactions, 2012, 41, 13632.	3.3	51
54	Bottom-Up Hierarchical Self-Assembly of Chiral Porphyrins through Coordination and Hydrogen Bonds. Journal of the American Chemical Society, 2015, 137, 15795-15808.	13.7	51

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55	Spontaneous Deracemization. Israel Journal of Chemistry, 2011, 51, 1034-1040.	2.3	49
56	Chiral, single-molecule nanomagnets: synthesis, magnetic characterization and natural and magnetic circular dichroism. Journal of Materials Chemistry, 2004, 14, 2455-2460.	6.7	48
57	Highly Conductive Single-Molecule Wires with Controlled Orientation by Coordination of Metalloporphyrins. Nano Letters, 2014, 14, 4751-4756.	9.1	48
58	Selfâ€Assembly of Chiral <i>trans</i> â€Cyclobutaneâ€Containing βâ€Dipeptides into Ordered Aggregates. Chemistry - A European Journal, 2011, 17, 4588-4597.	3.3	47
59	Chemical and Constitutional Influences in the Self-Assembly of Functional Supramolecular Hydrogen-Bonded Nanoscopic Fibres. Chemistry - A European Journal, 2006, 12, 9161-9175.	3.3	46
60	Rings-and-String Approach to the Construction of Porphyrin Arrays by Transition-Metal-Directed Threading. Journal of the American Chemical Society, 1996, 118, 3285-3286.	13.7	45
61	Influence of SiO2 surface energy on the performance of organic field effect transistors based on highly oriented, zone-cast layers of a tetrathiafulvalene derivative. Journal of Applied Physics, 2008, 104, 054509.	2.5	45
62	The controlled self-assembly of a [3]rotaxane incorporating three constitutionally different components. Journal of the Chemical Society Chemical Communications, 1995, , 747-750.	2.0	44
63	Characterisation of nanoscopic [Mn12O12(O2CR)16(H2O)4] single-molecule magnets: physicochemical properties and LDI- and MALDI-TOF mass spectrometryLDI- and MALDI-TOF are acronyms for Laser Desorption/Ionisation and Matrix Assisted Laser Desorption/Ionisation Time-of-Flight Journal of Materials Chemistry. 2002. 12. 1152-1161.	6.7	44
64	Self-Assembled Monolayers of Tetrathiafulvalene Derivatives on Au(111): Organization and Electrical Propertiesâ€. Journal of Physical Chemistry B, 2004, 108, 7213-7218.	2.6	43
65	Kinetic Selection in the Template-Directed Self-Assembly of [2] Catenanes. Angewandte Chemie International Edition in English, 1995, 34, 2378-2380.	4.4	42
66	Chiral Expression at the Solidâ^'Liquid Interface: A Joint Experimental and Theoretical Study of the Self-Assembly of Chiral Porphyrins on Graphite. Langmuir, 2008, 24, 9566-9574.	3.5	42
67	Circular dichroism studies of crystalline chiral and achiral α-nitronyl nitroxide †radicals in a KBr matrix. Perkin Transactions II RSC, 2001, , 670-676.	1.1	41
68	A Nanoscale View of Supramolecular Stereochemistry in Self-Assembled Monolayers of Enantiomers and Racemates. Langmuir, 2004, 20, 9628-9635.	3.5	41
69	Copper(I)-templated synthesis of [2]catenates bearing pendant porphyrins. New Journal of Chemistry, 1998, 22, 395-409.	2.8	40
70	â€~Sergeants-and-Corporals' principle in chiral induction at an interface. Chemical Communications, 2013, 49, 7477.	4.1	40
71	Ultra-high resolution imaging of thin films and single strands of polythiophene using atomic force microscopy. Nature Communications, 2019, 10, 1537.	12.8	40
72	Chiral nanoscale systems: preparation, structure, properties and function. Chemical Society Reviews, 2009, 38, 669.	38.1	39

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73	Spontaneous resolution and absolute configuration of a coordination polymer formed by MnII and a ferrocene-based bisnitronyl nitroxide radicalElectronic supplementary information available:  Experimental procedure. See http://www.rsc.org/suppdata/cc/b2/b205722k/. Chemical Communications, 2002., 2342-2343.	4.1	36
74	Magnetism of isolatedMn12single-molecule magnets detected by magnetic circular dichroism: Observation of spin tunneling with a magneto-optical technique. Physical Review B, 2004, 69, .	3.2	36
75	Rich Phase Behavior in a Supramolecular Conducting Material Derived from an Organogelator. Advanced Functional Materials, 2009, 19, 934-941.	14.9	36
76	A New Porphyrin for the Preparation of Functionalized Waterâ€soluble Gold Nanoparticles with Low Intrinsic Toxicity. ChemistryOpen, 2015, 4, 127-136.	1.9	36
77	Kinetic and Thermodynamic Effects in the Self-Assembly of [3]Catenanes in the Solution and Solid States. Chemistry - A European Journal, 1998, 4, 460-468.	3.3	35
78	Hierarchical Selfâ€Assembly of Supramolecular Helical Fibres from Amphiphilic <i>C</i> <sub>3</sub> â€Symmetrical Functional Tris(tetrathiafulvalenes). Chemistry - A European Journal, 2014, 20, 17443-17453.	3.3	35
79	Template-Directed Synthesis of a Rotacatenane. European Journal of Organic Chemistry, 1999, 1999, 1295-1302.	2.4	34
80	Stereochemistry of Phenyll̂±-Nitronyl Nitroxide Radicals. Chemistry - A European Journal, 2000, 6, 2350-2361.	3.3	34
81	Bottom-up assembly of high density molecular nanowire cross junctions at a solid/liquid interface. Chemical Communications, 2008, , 703-705.	4.1	34
82	Tip-Induced Chemical Manipulation of Metal Porphyrins at a Liquid/Solid Interface. Journal of the American Chemical Society, 2014, 136, 17418-17421.	13.7	34
83	Translational Isomerism in Some Two- and Three-Station [2]Rotaxanesâ€. Journal of Organic Chemistry, 1997, 62, 3062-3075.	3.2	33
84	Selbstorganisation eines verzweigten Heptacatenans in fÃ $\frac{1}{4}$ nf Stufen. Angewandte Chemie, 1997, 109, 2160-2162.	2.0	32
85	Homochiral and heterochiral assembly preferences at different length scales – conglomerates and racemates in the same assemblies. Chemical Communications, 2013, 49, 9320.	4.1	32
86	Zweistufige Selbstassoziation von [4]―und [5]Catenanen. Angewandte Chemie, 1994, 106, 450-453.	2.0	31
87	X-ray absorption and magnetic circular dichroism investigation of bis(phthalocyaninato)terbium single-molecule magnets deposited on graphite. Physical Review B, 2010, 82, .	3.2	31
88	Coordination-directed self-assembly of a simple benzothiadiazole-fused tetrathiafulvalene to low-bandgap metallogels. Chemical Communications, 2015, 51, 15063-15066.	4.1	31
89	Supramolecular chemistry anniversary. Chemical Society Reviews, 2017, 46, 2376-2377.	38.1	31
90	Driving Forces for Covalent Assembly of Porphyrins by Selective C–H Bond Activation and Intermolecular Coupling on a Copper Surface. Journal of the American Chemical Society, 2016, 138, 5837-5847.	13.7	30

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91	Use of unnatural $\hat{l}^2$ -peptides as a self-assembling component in functional organic fibres. Organic and Biomolecular Chemistry, 2010, 8, 1661.	2.8	29
92	Kinetic Control of "Unnatural―Chiral Induction in Poly(isocyanide)s. Advanced Materials, 1998, 10, 1001-1005.	21.0	28
93	Adlayers and Low-Dimensional Assemblies of a TTF Derivative at a Liquidâ 'Solid Interface. Nano Letters, 2003, 3, 1375-1378.	9.1	28
94	Surface aggregate morphology of chiral porphyrins as a function of constitution and amphiphilic nature. New Journal of Chemistry, 2009, 33, 358-365.	2.8	28
95	The Beauty of Knots at the Molecular Level. Topics in Current Chemistry, 2011, 323, 107-125.	4.0	28
96	Tuning the electrical conductance of metalloporphyrin supramolecular wires. Scientific Reports, 2016, 6, 37352.	3.3	27
97	Solid state supramolecular structure of diketopyrrolopyrrole chromophores: correlating stacking geometry with visible light absorption. CrystEngComm, 2016, 18, 8933-8943.	2.6	27
98	Chiral teleinduction in the polymerization of isocyanides. Polymer, 2005, 46, 1507-1521.	3.8	26
99	Nanofibre whirlpools. Nature Materials, 2007, 6, 924-925.	27.5	26
100	Varied nanostructures from a single multifunctional molecular material. Journal of Materials Chemistry, 2011, 21, 1428-1437.	6.7	26
101	Pasteurian Segregation on a Surface Imaged In Situ at the Molecular Level. Angewandte Chemie - International Edition, 2012, 51, 11981-11985.	13.8	26
102	A Small Molecule Walks Along a Surface Between Porphyrin Fences That Are Assembled Inâ€Situ. Angewandte Chemie - International Edition, 2015, 54, 7101-7105.	13.8	26
103	Synthesis of novel dendrimers containing pyrimidine units. Tetrahedron, 2003, 59, 3937-3943.	1.9	25
104	Biomolecules at Interfaces: Chiral, Naturally. Topics in Current Chemistry, 2013, 333, 109-156.	4.0	24
105	Novel nanostructured supramolecular hydrogels for the topical delivery of anionic drugs. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 421-436.	4.3	24
106	Microscale coiling in bis-imidazolium supramolecular hydrogel fibres induced by the release of a cationic serine protease inhibitor. Chemical Communications, 2017, 53, 4509-4512.	4.1	24
107	Towards more sustainable synthesis of diketopyrrolopyrroles. New Journal of Chemistry, 2019, 43, 5783-5790.	2.8	24
108	Light-controlled micron-scale molecular motion. Nature Chemistry, 2021, 13, 1200-1206.	13.6	24

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109	From purely organic to metallo-organic chiral magnetic materials. Polyhedron, 2003, 22, 2349-2354.	2.2	23
110	Enantiopure and Racemic Chiral Nitronyl Nitroxide Free Radicals: Synthesis and Characterization. European Journal of Organic Chemistry, 2005, 2005, 348-359.	2.4	23
111	The solid-state self-organisation of a self-assembled [2]catenane. Journal of the Chemical Society Chemical Communications, 1994, , 2475.	2.0	22
112	Pyrazol-4-yl-substituted $\hat{l}$ ±-nitronyl and $\hat{l}$ ±-imino nitroxide radicals in solution and solid states. Polyhedron, 2001, 20, 1563-1569.	2.2	22
113	Synthesis, separation, and isomer-dependent packing in two dimensions—detected by scanning tunnelling microscopy—of a TTF derivative. Chemical Communications, 2003, , 906-907.	4.1	22
114	TTF-based bent-core liquid crystals. Chemical Communications, 2008, , 2523.	4.1	22
115	Tuning the local frictional and electrostatic responses of nanostructured SrTiO3â€"surfaces by self-assembled molecular monolayers. Physical Chemistry Chemical Physics, 2010, 12, 4452.	2.8	22
116	Boosting electrical conductivity in a gel-derived material by nanostructuring with trace carbon nanotubes. Nanoscale, 2011, 3, 2898.	5.6	22
117	Macrocyclic imidazolium-based amphiphiles for the synthesis of gold nanoparticles and delivery of anionic drugs. Journal of Colloid and Interface Science, 2015, 437, 132-139.	9.4	22
118	Freezing the Nonclassical Crystal Growth of a Coordination Polymer Using Controlled Dynamic Gradients. Advanced Materials, 2016, 28, 8150-8155.	21.0	22
119	Localized, Stepwise Template Growth of Functional Nanowires from an Amino Acid-Supported Framework in a Microfluidic Chip. ACS Nano, 2014, 8, 818-826.	14.6	21
120	A transition metal ion assembled catenane bearing linearly-arranged donor and acceptor porphyrins. Chemical Communications, 1996, , 2441.	4.1	20
121	A Uracil-Substituted α-Nitronyl Nitroxide. Molecular Crystals and Liquid Crystals, 1999, 334, 333-345.	0.3	20
122	Racemic and enantiomerically pure phenyl α-nitronyl nitroxide radicals: influence of chirality on solution and solid state propertiesElectronic supplementary information (ESI) available: figures showing alternative views of the crystal structures and the shortest distances between SOMOs in the crystals. See http://www.rsc.org/suppdata/jm/b1/b106239p/. Journal of Materials Chemistry, 2002, 12,	6.7	20
123	570-578.  Synthesis and Characterization of a [Mn 12 O 12 (O 2 CR) 16 (H 2 O) 4 ] Complex Bearing Paramagnetic Carboxylate Ligands. Use of a Modified Acid Replacement Synthetic Approach. Monatshefte Fýr Chemie, 2003, 134, 265-276.	1.8	20
124	Polymorphs of a pyrazole nitronyl nitroxide and its complexes with metal(ii) hexafluoroacetylacetonates. Journal of Materials Chemistry, 2006, 16, 2736.	6.7	20
125	Self-assembly of supramolecular wires and cross-junctions and efficient electron tunnelling across them. Chemical Science, 2011, 2, 1945.	7.4	20
126	Water-soluble gold nanoparticles based on imidazolium gemini amphiphiles incorporating piroxicam. RSC Advances, 2014, 4, 9279.	3.6	20

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127	Bottom-up assembly of a surface-anchored supramolecular rotor enabled using a mixed self-assembled monolayer and pre-complexed components. Chemical Communications, 2014, 50, 82-84.	4.1	20
128	Matrix-assisted laser desorption/ionization time-of-flight mass spectrometric analysis of some conducting polymers. , 2000, 35, 550-555.		19
129	Tuning Singleâ€Molecule Conductance in Metalloporphyrinâ€Based Wires via Supramolecular Interactions. Angewandte Chemie - International Edition, 2020, 59, 19193-19201.	13.8	19
130	Chiral linear isocyanide palladium(ii) and gold(i) complexes as ferroelectric liquid crystals. Journal of Materials Chemistry, 1999, 9, 2301-2305.	6.7	18
131	Synthesis and characterization of a new chiral nanomagnet. Polyhedron, 2003, 22, 2355-2358.	2.2	18
132	Selfâ€Assembly of Chiralâ€atâ€End Diketopyrrolopyrroles: Symmetry Dependent Solution and Film Optical Activity and Photovoltaic Performance. Chemistry - A European Journal, 2018, 24, 14461-14469.	3.3	18
133	Towards the selfâ€assembly of polyrotaxanes. Macromolecular Symposia, 1994, 77, 191-207.	0.7	17
134	Pressure Effect on the 3-D Magnetic Ordering of a Quasi-1-D Enantiopure Molecular Magnet. Journal of Physical Chemistry B, 2004, 108, 18441-18445.	2.6	17
135	Monolayer self-assembly at liquid–solid interfaces: chirality and electronic properties of molecules at surfaces. Journal of Physics Condensed Matter, 2008, 20, 184003.	1.8	17
136	Sensitive detection of enantiomeric excess in different acids through chiral induction in an oligo(p-phenylenevinylene) aggregate. Organic and Biomolecular Chemistry, 2012, 10, 9152.	2.8	17
137	Cationic Supramolecular Hydrogels for Overcoming the Skin Barrier in Drug Delivery. ChemistryOpen, 2017, 6, 585-598.	1.9	17
138	Crystal engineering and magnetism of hydrogen-bonded phenyl nitronyl nitroxides. Synthetic Metals, 1999, 103, 2253-2256.	3.9	16
139	Synthesis of optically active amphiphilic tetrathiafulvalene derivatives. Tetrahedron, 2006, 62, 3370-3379.	1.9	16
140	Vapour printing: patterning of the optical and electrical properties of organic semiconductors in one simple step. Journal of Materials Chemistry, 2012, 22, 4519.	6.7	16
141	Electronic and vibrational circular dichroism spectroscopies for the understanding of chiral organization in porphyrin aggregates. Chemical Communications, 2012, 48, 9147.	4.1	16
142	Modulating the biological function of protein by tailoring the adsorption orientation on nanoparticles. Journal of Colloid and Interface Science, 2021, 587, 150-161.	9.4	16
143	Chirality of $\hat{l}_{\pm}$ -Nitronyl Nitroxide Radicals in the Solid State. Journal of Solid State Chemistry, 2001, 159, 440-450.	2.9	15
144	A Racemic Conglomerate Nipped in the Bud: A Molecular View of Enantiomer Cross-Inhibition of Conglomerate Nucleation at a Surface. Crystal Growth and Design, 2010, 10, 4516-4525.	3.0	15

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145	Crystal architectures of organic molecular-based magnets. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 2873-2891.	3.4	14
146	Central metal ion determined self-assembly of intrinsically chiral porphyrins. Journal of Porphyrins and Phthalocyanines, 2011, 15, 995-1003.	0.8	14
147	Drug-Loaded Supramolecular Gels Prepared in a Microfluidic Platform: Distinctive Rheology and Delivery through Controlled Far-from-Equilibrium Mixing. ACS Omega, 2017, 2, 8849-8858.	3.5	14
148	Self-assembled [2]catenanes exhibiting highly selective translational isomerism. Journal of the Chemical Society Chemical Communications, 1994, , 2479.	2.0	13
149	Kinetische Selektion bei der templatgesteuerten Selbstorganisation von [2]Catenanen. Angewandte Chemie, 1995, 107, 2569-2572.	2.0	13
150	Macrocyclic polyethers incorporating resorcinol residues as templates for cyclobis(paraquat-p-phenylene) in the self-assembly of [2]catenanes. Supramolecular Chemistry, 1995, 5, 5-8.	1.2	13
151	Characterization of the vulcanization products of squalene by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry: model studies on the vulcanization of natural rubber. Journal of Mass Spectrometry, 2001, 36, 294-300.	1.6	13
152	Solid state structure and properties of phenyl diketopyrrolopyrrole derivatives. CrystEngComm, 2021, 23, 1796-1814.	2.6	13
153	A new approach to controlling catenated structures. Recueil Des Travaux Chimiques Des Pays-Bas, 1993, 112, 429-430.	0.0	12
154	A Chiral Hydrogen-Bonded α-Phenyl Nitronyl Nitroxide in the Solution and Solid States. Molecular Crystals and Liquid Crystals, 1999, 334, 347-358.	0.3	12
155	Subtle competition between ferromagnetic and antiferromagnetic order in a Mn(II)-free radical ferrimagnetic chain. Physical Review B, 2007, 75, .	3.2	12
156	Self-assembly of a chiral porphyrin at surfaces. Superlattices and Microstructures, 2008, 44, 556-562.	3.1	12
157	Nanocomposites combining conducting and superparamagnetic components prepared via an organogel. Soft Matter, 2011, 7, 2755.	2.7	12
158	Quantification of energy of activation to supramolecular nanofibre formation reveals enthalpic and entropic effects and morphological consequence. Chemical Science, 2019, 10, 10256-10266.	7.4	12
159	Microfluidicâ€Assisted Blade Coating of Compositional Libraries for Combinatorial Applications: The Case of Organic Photovoltaics. Advanced Energy Materials, 2020, 10, 2001308.	19.5	12
160	New Accelerated Strategy for the Synthesis of Poly(Ether Ketone) Dendrons. Journal of Organic Chemistry, 2002, 67, 1004-1007.	3.2	11
161	Multiply biphenyl substituted zinc(II) porphyrin and phthalocyanine as components for molecular materials. Journal of Porphyrins and Phthalocyanines, 2012, 16, 1293-1302.	0.8	11
162	Organization of the enantiomeric and racemic forms of an amphiphilic resorcinol derivative at the airâ€"water and graphiteâ€"1â€phenyloctane interfaces. Chirality, 2012, 24, 155-166.	2.6	11

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163	Enhancing Singlet Oxygen Generation by Self-Assembly of a Porphyrin Entrapped in Supramolecular Fibers. Cell Reports Physical Science, 2020, 1, 100030.	5.6	11
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